



air sample comparison

Robert May

to:

Kimberly Tisa

09/20/2011 07:48 AM

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From: Robert May <RMay@fando.com>

To: Kimberly Tisa/R1/USEPA/US@EPA

1 Attachment



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Kim,

We collected a side by side ample in Room 242 on August 31, 2011 and send to both Alpha Analytical and Con-test

Alpha Result 240 ng/cartridge (they did not calculate volume which was over 1,000 liters so result will come down slightly)

Con-test Result 210 ng/m3.

The results are virtually the same from both labs so we appear to have good data even though a limited comparison. Let me know if you want the actual report for each sample.



Robert L. May, Jr.

Vice President

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Westport Update

Robert May

to:

Kimberly Tisa

09/19/2011 03:40 PM

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From: Robert May <RMay@fando.com>

To: Kimberly Tisa/R1/USEPA/US@EPA

1 Attachment



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Kim,

I am preparing this as just a quick update for you on Westport. I attended a meeting last week with School Committee and there were a lot of questions based on still having elevated air results in the Cafeteria, Office and few rooms. We have reached out to Jeff Hamel to get his input as well, but I am still trying to coordinate a site visit.

We met with Dr. Colley and his maintenance staff and decided to try a few things. We observed there are interior windows in the office area which have glazing compound. This material has not been tested for PCBs yet. We have undertaken a weekend project that occurred from Saturday to Sunday to accomplish the following:

General, we have had multiple higher concentrations of dust on brick window sills after remediation and cleaning. We decided to seal all brick porous window sills with Sikagard and re-sample dust. We are re-sampling all failed locations above 1 microgram/100 cm². The majority of failures also seem to be in rooms where air samples were above 300 with few exceptions so these rooms are not in use presently by the school.

Office area – ventilate 2 rooms with a HEPA unit to draw air in through open window from outside and then exhaust through a different opening to exterior from same room. This is to increase the available ventilation potential of these rooms. In one of the rooms we sealed all the brick around windows with Sikagard, removed carpeting, and caulked over the interior glazing compound. The other room we only ventilated. For sampling we collected an air sample in each of the two rooms and then one adjacent room where no work has occurred in the same area.

Cafeteria – We identified some limited areas which were not done where tectum panels and mastic are above drop ceilings. We have isolated some of the shared rooms to the kitchen such as locker room, and restrooms and sealed out a small area inside the kitchen where tectum is, to see if these measures result in reduction of PCBs within the indoor air. We also ventilated the cafeteria and kitchen area using several HEPA units similarly to described procedure for office and cleaned again. Lastly, all critical barriers at hallways were made more permanent as discussed by phone.

All air and wipe samples were collected on Sunday and were picked up by lab this afternoon so we expect results by end of the week. Only areas not sampled are Room 24 and remaining office area. The second air sample result for Room 24 after cleaning and attempting to ventilate came back last week at 1500, down from 2400 but still elevated. This room has interior glass with suspect glazing compound as well and if results are favorable in office area, we would treat similarly before sampling again.

If you have any questions let me know but I wanted to keep you informed of our steps while we tackle these last remaining areas.



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